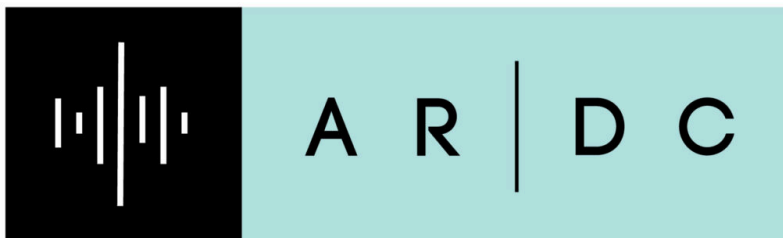


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AMATEUR RADIO DIGITAL COMMUNICATIONS

April/May 2024

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Upcoming Community Deadlines and Notices

- **Next Grant Application Deadline:** The next deadline for submitting a grant application is **July 1**. Applications received after this date will be reviewed after September 1, 2024, [so get your applications in now](#).

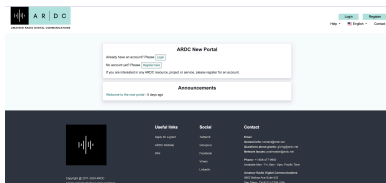
Remembering John Hays (K7VE) SK



As many of you likely know by now, we recently lost one of our beloved colleagues and friends: John Hays K7VE.

Those who knew John – of which there were many – knew he was incredibly passionate about amateur radio and a brilliant engineer. First licensed in 1973 under the call sign WN7WHV, John was a skilled operator with an Extra Class license, as well as a skilled organizer in the amateur radio community. He was a founding member of several ham organizations and an active participant in many more, attending a weekly breakfast gathering with other hams at his local club. He also served as a Volunteer Examiner, helping to bring more people into the amateur radio community. [...more](#)

ARDC Launches 44Net Portal 2.0



ARDC is thrilled to publicly announce the launch of the 44Net Portal 2.0, now live at <https://portal.ampr.org/>. This update brings a host of new features and improvements aimed to enhance the overall user experience, including:

- an improved, modern user interface (UI),
- a modern, secure framework,
- capability to facilitate a pool of administrators,
- DNS management, and
- a new ticketing system to improve support response time.

For more information about these features, check out the [Portal 2.0 documentation](#), which also covers how to get started with requesting 44Net address space. [...more](#)

Grantee Updates and Interviews from the 2024 HamSCI Workshop

M17 Announces New Open-Source Hardware for Amateur Radio Enthusiasts and Enhancements to Current Offerings



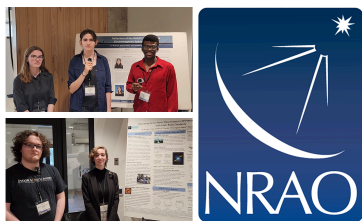
Funded by a grant from Amateur Radio Digital Communications (ARDC), M17 is excited to announce the following enhancements to their current hardware solutions for amateur radio operators as well as a new hardware offering, all of which include: Module17 – an M17 modem that converts a 9600 baud capable radio into an M17 transceiver; OpenHT – a cutting-edge QRP dual-band

handheld transceiver (HT) that utilizes SDR technology; and a Remote Radio Unit (RRU) – a comprehensive, UHF FM/M17 ‘repeater in a box’, optimally designed for close antenna placement, enhancing signal strength and reliability. [...more](#).

ARDC Grantees at the 2024 HamSCI Workshop

At [HamSCI Workshop 2024](#), Rebecca (KO4KVG) caught up with ARDC Grantees from the [National Radio Astronomy Observatory \(NRAO\)](#) and [Youth on the Air \(YOTA\)](#).

NRAO Exploring the Electromagnetic Spectrum (EMS) Project



Check out this [video](#) to learn more about NRAO’s EMS project from Erin (KQ4IES), Abigail (KQ4MHA), and Nejon (KJ5AXD) and also hear about Mia (KQ4MGZ) and Xander’s (KJ5DDU) experiences operating the 20m telescope at the [Green Bank Observatory \(GBO\)](#).

Youth on the Air (YOTA)



Watch this [video](#) to learn more about [YOTA Camp 2024](#) from YOTA PR Team Members Katie (KE8LQR) and Jack (W9RFT).

Highlights from the April 2024 Grantee Gathering

On April 10, we kicked off our second year of hosting Grantee Gatherings. About 30 participants joined us on Zoom to share their tips, successes, and challenges with project management. There was lots of synergy between grantees, and many were interested in connecting with each other post-gathering to share resources and seek advice (our [ARDC Grantees subgroup](#) is a great place for this!).

Some of the major takeaways from the meeting were the following:

- Having a clear scope, goal, and leader can help keep things on track with a given project
- Prompting your team to think about the multiple next steps ahead helps to stay on track with a project
- When working with volunteers, a stewardship plan that makes everyone feel important to the team can keep everyone focused

Stay tuned for our next Gathering, which will be scheduled for the Fall of 2024. A big thank you to all that were able to join us last month!

ARDC Team Spotlight

This month's spotlight will be highlighting TAC member Alvaro Prieto (KC2VVE) and GET member Scott Czeck (KC1GHT).

Alvaro Prieto (KC2VVE)



Alvaro is serving his second year on the TAC, where he has made significant contributions to testing routers for the 44Net Portal. For 2024, he is currently a part of the Outreach Subcommittee, which will aim to engage with members of the community to bring awareness to 44Net. Outside of volunteering at ARDC, Alvaro enjoys building open source hardware tools and is a co-host of the [Unnamed Reverse Engineering Podcast](#), where he and his friend Jen speak to their guests about reverse engineering hardware methodologies and projects. When he's not on the air or taking on an open source project, he enjoys cheesemaking and tending to his vegetable garden, where we won't say no to samples if he brings them to our booth at a hamfest! To learn more about Alvaro and his recent projects, be sure to check out his personal website at alvarop.com.

Scott Czeck (KC1GHT)



A member of the inaugural GET, Scott enjoys reading and learning about the interesting and diverse projects and programs that ARDC has funded. While learning about these projects, he also likes hearing the perspectives of his fellow GET members, as well as hearing more about their unique backgrounds. When he's not volunteering with ARDC, Scott spends his time building and experimenting with antennas, namely in the VHF and UHF bands. He also enjoys experimenting with SDRs and digital modes. If you'd like to learn more about Scott and his projects, be sure to visit kc1ght.com, his personal website.

Thanks to all of you for your contributions toward carrying out our [mission](#) at ARDC!

Come See Us at Hamvention and Other Events this Summer!

ARDC will be out and about in May: you will be able to find our team at the following event(s):

- [Hamvention](#) – May 17 - 19, 2024, Xenia, OH
- [Pending] [Ham Radio Friedrichshafen](#), June 28 - 30, Friedrichshafen, Germany



Contact Us!

We always want to hear from you:

- Visit our website: ardc.net
- General info: contact@ardc.net
- Information and questions about grants: giving@ardc.net
- 44Net issues: contact@ardc.net
- Groups.io: ardc.groups.io
- Twitter / X: [@ARDC_73](https://twitter.com/ARDC_73)
- Facebook: [Amateur Radio Digital Communications](#)
- LinkedIn: [Amateur Radio Digital Communications](#)

ARDC's Mission

The mission of Amateur Radio Digital Communications (ARDC) is to support, promote, and enhance digital communication and broader communication science and technology, to promote amateur radio, scientific research, experimentation, education, development, open access, and innovation in information and communication technology.

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